

Date Mailed: September 30, 2003

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: HSJ920030082US1	Application Number: unassigned
			Applicant: GILL	
			Filing Date: 09/30/2003	Group Art Unit: unassigned

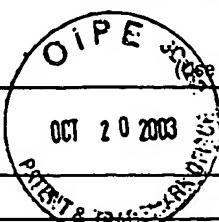
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	5,206,590 ✓	04/27/1993	DIENY et al.	✓	✓	
✓	5,422,621 ✓	06/06/1995	GAMBINO et al.			
✓	5,432,373 ✓	06/11/1995	JOHNSON			
✓	5,695,864 ✓	12/09/1997	SLONCZEWSKI			
✓	5,835,003 ✓	11/10/1998	NICKEL et al.			
✓	5,936,402 ✓	08/10/1999	SCHEP et al.	✓	✓	
✓	6,232,777 ✓	05/15/2001	SATO et al.			

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
✓	JP 08-088422	02.04.1996	JP	✓	✓	Abstract only
✓	JP 2001189504	10.07.2001	JP			Abstract only
✓	✓WO 95/26547	05.10.1995	PCT			N/A
✓	✓WO 02095434	28.11.2002	PCT	✓	✓	YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
✓	2001 ✓	Zhao, Y.-W., Munoz, M. Tatara, G. and Garcia, N., "From Ballistic to Non-Ballistic Magnetoresistance in Nonocnacts: Theory and Experiments," <i>Journal of Magnetism and Magnetic Materials</i> , 223 (2001) 169-174.				
✓	2002 ✓	N. Garcia, M. Munoz, V.V. Osipov, E.V. Ponizovskaya, G.G. Qian, I.G. Saveliev, and Y. -W. Zhao, "Ballistic Magnetoresistance in Different Nanocontact Configurations: A Basis for Future Magnetoresistance Sensors," <i>Journal of Magnetism and Magnetic Materials</i> , 240 (2002) 92-99.				
✓	2002 ✓	Hartmann, Uwe, "Magnetic Multilayers and Giant Magnetoresistance," <i>Springer Series in Surface Sciences</i> , pp. 163-168.				
✓	2002 ✓	Harsh Deep Chopra and Susan Z. Hua "Ballistic Magnetoresistance over 3000% in Ni Nanocontacts at Room Temperature," <i>Physical Review B</i> , 66, 020403(R) (2002).				
✓	October 2001 ✓	M. Munoz, G.G. Qian, N. Karar, H. Cheng, I.G. Saveliev, N. Garcia, T.P. Moffat, P.J. Chen, L. Gan, and W.F. Egelhoff, Jr. "Ballistic Magnetoresistance in a Nanocontact Between a Ni Cluster and a Magnetic Thin Film," <i>Applied Physics Letter</i> , Vol. 79, Number 18, October 29, 2001.				
✓	December 1997 ✓	A. Encinas, F. Nguyen Van Dau, M. Sussi, A. Schuh, and P. Galtier, "Contribution of Current Perpendicular to the Plane to the Giant Magnetoresistance of Laterally Modulated Spin Values," <i>Applied Physics Letters</i> , Vol 71, No. 22, December 1, 1997.				

EXAMINER	A. Heinz	DATE CONSIDERED	5/26/06
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

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<b>Applicant:</b> GILL		
<b>Filing Date:</b> 09/30/2003		<b>Group Art Unit:</b> Unassigned



EXAMINER	<i>A. Heinz</i>	DATE CONSIDERED	<i>5/26/06</i>
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